Approved For Release Dissemination Authorized Assistant Director		No P	nnes 60
Office of Current Intelligence		Copy 1	 ages 69 No. 38
			tember 1960
OF NAVAL AND M	ESTIMATE OF PRO ERCHANT VESSEL 8, 1959, AND 1960		
	nmittee on Shipbuild of the c Intelligence Comm		
	ted and Disseminate by the		
CENTRAL	INTELLIGENCE AG	ENCY	
		* * * * * * * * * * * * * * * * * * * *	0
		1	
	NC LL RE AU	DOUMENT NO.  D CHANGE IN CLASS.  DECLASSIFIED  ASS. CHANGED TO: TS S C  XFRE/JEW DATE:  TH: HR 70-2	10 2_
	DA	TE: 18 FBB 182 REVIEWER:	
SA review completed			
(		*	

## FOREWORD

All estimates are tentative and are based on all-source information and are agreed to by each component having representation in the EIC Subcommittee on Shipbuilding.

This report covers the years 1958, 1959, and 1960.

- iii -

## CONTENTS

		Page
General		1
Submarines		2
	Appendixes	
Appendix I.	Detailed Estimate of the More Important Soviet Vessels, by Type and by Class, 1958, 1959, and 1960	3
Appendix II.	Summary of Production of Soviet Vessels, by Type and by Class, 1958, 1959, and 1960	47

# OF NAVAL AND MERCHANT VESSELS IN THE USSR\* 1958, 1959, AND 1960

## General

The estimate of production of naval and merchant vessels is presented in the following two parts:

Appendix I, "Detailed Estimate of Production of the More Important Soviet Vessels, by Type and by Class," and

Appendix II, "Summary of Production of Soviet Vessels, by Type and by Class."

The vessels listed under the heading <u>completed</u> are considered to have been delivered by a shipyard complete and ready for service, although in the case of naval vessels they may not yet have been commissioned by the Navy.

The basic tonnage characteristics of each class of vessel, shown in the upper right hand corner of page in Appendix I, provide a relationship for converting to other categories of tonnage measurement to meet the special requirements of the individual user of this report.

Although the summary figures shown in Appendix II are identical with those found in the higher security classified Appendix I, the absence of any compromising data and the broad generalization used in Appendix II permits its lower classification.

Because of the lack of sufficient information to permit listing of individual types and classes of certain fishing and of inland vessels, a summary report of production estimates is included in Appendix II.

<sup>\*</sup> Estimates and conclusions are based on information available as of 1 August 1960.

Approved For Release 2	003/07/30 : CIA-RDP79S01100A0002001	50001-2

25X1

25X1

## SUBMARINES

Estimates of production of the "G," and "F" Class are included herein, but lack of sufficient information precludes specific estimates of number and tonnage of other submarine programs believed underway.

An increasing amount of evidence indicates that construction of nuclear powered submarines may have been underway for some time.

volved in this program.

Based on various reports and including the information that preparations for production of submarines began 25X1 in 1954, it is generally believed this shippard is the lead yard in the production of nuclear-powered submarines.

It is considered possible that the first Soviet nuclear-powered submarine was launched as early as 1958.

25X1

25X1

25X1

- 2 --

## APPENDIX I

OF THE MORE IMPORTANT SOVIET VESSELS

BY TYPE AND BY CLASS

1958, 1959, AND 1960

COUNTRY: USSR NAVAL VESSEL PRODUCTION 25X1 ESTIMATE OF STATUS OF SUBMARINE PROJECTS 25X1 Under Construction at End Year 1960 Shipyard Unknown Unknown 1 25X1 Unknown Unknown Unknown Unknown 25X1

COUNTRY: USSR

NAVAL VESSEL PRODUCTION

ESTIMATE OF STATUS OF SUBMARINE PROJECTS

(Continued)

25X1

Under Construction at End Year 1960 Shipyard Unknown Unknown Unknown Unknown1 or more (1 or more) 1 or more

(1 or more)

25X1

25X1

25X1

COUNTRY: USSR		••		ease 2003/07/30 : C		NAVAL VESSEL PRODUCTION
25X1D1A				Metric L.O.A.:	English	Metric English
TYPE: SSB CLASS: G				L.B.P.: Beam: NA Draft:	NA	DISPLACEMENT Light Ship 1,950 Tons Surface Vessel - Condition D . Tons
		Propu	lsion a	nd H.P.:		Submarine - Condition M 2,600 Ton
		Comp	leted		Under Construction	
•	_ Ja	January - June		ly - December	At Year End	
	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
	1	1,950	1	1,950		This class of probable SSB identified in fall 1959.  Tonnage estimates shown here are based on assump-
			1	1,950		tion these submarines are larger than "Z-conversion class both in respect to sail and to hull dimensions.
				-		The first unit believed completed early in 1958.
		1,950	2	3,900		4
			3	5, 850	-	- <del> </del>
	2	- 3,900	3	5,850	•	
		T-0	2	3,900	*	25X1
			- 0			
	2	3,900	5	9,750		
			7	13,650		Grand total completed - 10.
	2	3,900	3	5,850	2	4
	1	1,950	2	3, 900	2	-
						Ta .
1960 Six Months Totals	3.	5; 850	5	9, 750		
1960 Year Totals			8	15,600	4	Grand total completed - 18.

		Approved Fo	or Releas	se 2003/07/30 : CIA-R	DP79S01100A0002	200150001-2
COUNTRY: USSR					English 300.00	NAVAL VESSEL PRODUCTION Metric English
25X1D1A TYPE: SS CLASS: F		Propu	lsion a	L.B.P.: Beam: 7.92 Draft: 5.79 nd H.P.: Diese! 6,	26.00 19.00 (max) 000/Elec. 5.63	DISPLACEMENT Light Ship 1,470 I,450 Tons Surface Vessel - Condition D . Tons Submarine - Condition M 1 980 I 950 Tons
		Сомр	leted		Under Construction	1 930 - 2010
1	Ja Ja	nuary - June	Ju	ly - December	At Year End	
	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
		-	2	2, 900	6	Program began inearly 1957; first sub- 25X marine completed in July 1958. Construction of this class may be underway atalthough there is insufficient evidence on which to base an estimate.
						25X1
			2	2,900	6	
			2	2,900	6	Grand total completed - 2.
	2	2,900	3	4, 350	6	25X1
			Э			
	<del>  2</del>	2, 900	3	4,350	6	
			5	7.250	4	Grand total 1 . 1 . 0
				, , , , , , , , , , , , , , , , , , , ,	b	Gianu mai completed = 7
	3	4, 350	3	4, 350	4	Grand total completed - 7.  Following the launching of thirteen F-class submarines, there has been an interruption of the
1960 Six Months Totals	3	·			· · · · · · · · · · · · · · · · · · ·	Following the launching of thirteen F-class submarines, there has been an interruption of the program indicating that has instituted 25X some modifications in the design or that a new class of submarine is now under construction. The
1960 Six Months Totals 1960 Year Totals	3	4, 350	3		· · · · · · · · · · · · · · · · · · ·	Following the launching of thirteen F-class submarines, there has been an interruption of the program indicating that has instituted some modifications in the design or that a new

C	COUNTRY: USSR			•					
					Metric	English		NAVAL VESSEL PRODU Metric Engli	JCT I
1A	Therman and				L.O.A.: 126.48 L.B.P.:	415.00	DISPLACEMENT	MONTH PRET	LSn
	TYPE: DD CLASS: KOTLIN				Beam: 12.65	41.50	Light Shin	2, 390 2, 350	T'O
			Propu	dsion a	Draft: 4.87	16.00 (max)	Light Ship	m D · 3,560 3,500	To
			Comp	leted		onder	Z.000ubmarine - Condition M	2 0 6	Tor
		Ja	nuary - June	Ju	ly - December	Construction At Year End			
	Shipyard and Location	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.			
		1	2.050		, , , , , , , , , , , , , , , , , , , ,	NG.	Rema	rks	
		1	2, 350						
							·		
	£ 1		-	1	-				
				1					
19	958 Six Months Totals 958 Year Totals	1	2, 350				1		
	16al 10tals			1	2, 350		Grand total completed - 30.	Program terminated.	
									,
	. •				-		†		
		-	-8-2						
	59 Six Months Totals	+							
19	59 Year Totals								
						,			
				-					
		1			20				
			-		*				
10	60 Six Months Totals								
+ +3	60 Year Totals				,				

	COUNTRY: USSR				Metric L.O.A.: 126.48	English	NAVAL VESSEL PRODUCTI Metric English
25X´	1D1A TYPE: DDG CLASS: KILDIN		Propu	lsion a	L.B.P.:  Beam: 12.65  Draft: 4.97	41.50	5,500 =0.
1.			Comp	leted		under	72.000 Department - Condition M To
		Ja	nuary - June	Ju	ly - December	Construction At Year End	*
7	Shipyard and Location	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
				1	2, 350		
		1	2, 350	-	7, 2, 4		
				1	2, 350		*
		1	2, 350	2	4,700		*
		$\rightarrow$		3	7, 050		
		1	2, 350				
							· A
	1959 Six Months Totals						25X1
35.	1959 Year Totals	1	2, 350		2.050		
				I	2, 350		Grand total completed - 4. Program terminated.
		*			÷		
	• •						
	1960 Six Months Totals						*
	1960 Year Totals					<del></del>	

			Approved Fo	r Releas	e 2003/07/30 : CIA-R	DP79S01100A0002	00150001-2
	COUNTRY: USSR				Metric L.O.A.; 143.26	English 470.00	NAVAL VESSEL PRODUCTION Metric English  DISPLACEMENT
25X	1D1A TYPE: DDG CLASS: KRUPNYY		Propu		Beam: 13.41 Draft: 5.49	turbines - 80,00	Light Ship 3,010 2,960 Tons to Surface Vessel - Condition D . 4,170 4,100 Tons to Submarine - Condition M Tons
				Leted		Under Construction	
25X1		Ja	nuary - June	Ju	Ly - December	At Year End	
	Shippard and Location	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
		2.00 mg/m		1	2, 960		Tentatively classified as a Krupnyy-type. 25
			-		*	9 - 1	
				1	2,960		
				<del>                                     </del>	2,960		
				1	2, 960		25X1D1A
			·	1	2, 960		
				2	5, 920		
				2	5,920		Grand total completed - 3.
		1	2,960	1	2, 960	3	i de
				2	5,920	2 .	
				1	2, 960	2	
	1960 Six Months Totals 1960 Year Totals		2, 960	4	11.840		
	1960 Year Totals		$\rightarrow$	5	14,800	7	Grand total completed - 8.

	Approved	a For Release 2003/07/30 . Cil	A-1(DI 73301100A000	0200130001-2
COUNTRY: USSR		Metric	En∉lish	NAVAL VESSEL PRODUCTION
5X1D1A TYPE: MSF CLASS: T-58	Prop	L.O.A.: 67.0 L.B.P.: Beam: 9.1 Draft: 2.2 pulsion and E.P.: Diesels	06 220.00 14 30.00 29 7.50 s: NA	Metric English  DYSPLACEMENT  Light Ship 600 590 Tons Surface Vessel - Condition D . 760 750 Tons Submarine - Condition M
		mpleted	Under Construction	
	January - June	July - December	At Year End	
Shipyard and Location	No. Tons (English)	No. Light Ship Tons (English)		Remarks
		4 2, 360		Program began in 1958 with the completion of 4 vessels
			**	
		4 2,360		
		2, 360		]
	5 2,950	5 2,950		
				·
	5 2.050			
	5 2,950	5 2,950 10 5,900	+	
				Grand total completed - 14.
	5 2,950	5 2,950	5	
	]			
10/0 Gt - W- 12 Gt	5 2.950	5 2,950		4
1960 Six Months Totals 1960 Year Totals	5 2,950			

			•	V				*.	
			Approved I	For Relea	ase 2003/07/30 : CIA-F	RDP79S01100A000	0200150001-2		
			**						
	COUNTRY: USSR		,				MAYTA		
					Metric	English	NAVA	L VESSEL PRODUC	
1D	1Δ			-	L.O.A.: 45.71	150.00	M	etric Englis	sh
	TYPE: MSI				L.B.P.:		DISPLACEMENT		
	CLASS: SASHA				Beam: 6.09	20.00	Light Ship	193 190	Τ'nο
Г	January Basha		Drom	aladam -	Draft: 1.98 and H.P.: 2 Diesel	6.50	Surface Vessel - Condition D	254 250	To
					um H.P.: 2 Diesel	s; 2,600   Under	Submarine - Condition M		To
			Comp	leted		Construction			
		Ja	nuary - June	Ju	ly - December	At Year End			
			Light Ship		Light Ship	110 ICCI ISING	-		
	Shipyard and Location	No.	Tons (English)	No.	Tons (English)	No.	Remarks		
		8							
		0	1,520	8	1,520		Program began in 1957 with the com	pletion of 12 v	ve s
		3		ł			sels.	•	
						1			_
		3		ł					
						10			
	L	4	:						
	ļ	8	1,520	8	1,520		Grand total completed - 28.		
	-			-	100		drama total completed - 26.		
				1					
		8	1,520	8	1,520	X 8			
				1			1	. L	
			. ×	1	190			_	
				1					
				1					
	-		<u> </u>	<u> </u>					
	-	-\_8_	1,520	9	1.710	11-2	]		
	F			17	3, 230		Grand total completed - 45.		
							*		
		6	1,140	6	1,140	6 .			
			4	1			*		
				4	760	2			
		1		1			*		
٠.		1	,				* "		
3	1960 Six Months Totals	<del></del>					5		
3	1960 Year Totals	6	1,140	10	1,900		0 .		
_				16	3,040	0	Grand total completed - 61.		

			Approved	l For Rel	ease 2003/07/30 : CIA	A-RDP79S01100A0	000200150001-2
	COUNTRY: USSR				Metric L.O.A.: 39.62 L.B.P.:	English 130.00	NAVAL VESSEL PRODUCTION Metric English DISPLACEMENT
Е	TYPE: PC CLASS: SO1		Propu		Beam: 4.95 Draft: 1.80 nd H.P.: 3 Diesels	16. 25 5. 92 ; 3, 600	Light Ship
			Comp nuary - June	leted	ly - December	Under Construction At Year End	
1	Shipyard and Location	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	- Remarks
		7	756	8	864		Program began in 1957 with completion of 5 vessels.
			756	15	1, 620		Grand total completed - 20.
		12	1,296	12	1,296		
		8	864	8	864		
					10		
		20	2,160	20 40	2,160 4,320		Grand total completed - 60.
		12	1,296	12	1,296	20	
		8	864	8	864		
	1960 Six Months Totals	20	2.160	20	2, 160		1
	1960 Year Totals	$\leq$		40	4, 320	20	Grand total completed - 100.

	COUNTRY: USSR				Metric	₹nølish			Ŋ	AVAL VESSEL PRODU Metric Engli	
25)	(1D1A				Metric : 24.38	83.00					
	,				L.B.P.:		DISPLACEMENT				_
	TYPE: PT				Beam: 6.10	20.00	Light Ship				0 Ton:
	CLASS: P-6, P-8, P-	-10			Draft: 1.68	5. 50	Surface Ves	sel - C	ondition D .	74 73	3 Ton Ton
L			Propu	lsion ar	nd H.P.: (P6) 4, 800	); (P8, P10) 2,4 Under	100 Submarine -	Condit	ion M ,		1011
			Comp	Leted		Construction					
		Jai	nuary - June	Ju	Ly - December	At Year End				×	
1		1	Light Ship	1	Light Ship		1				
	Shipyard and Location	No.	Tons (English)	No.	Tons (English)	No.			Remarks		
								-			
	,	10	, 600	10	600						;
			<u> </u>								_
		10	600	10	600						
							1 .				
				1							
		15	900	15	900		1				
		35	2,100	35	2,100		]				
		$\rightarrow$		70	4, 200		ļ ·				
			*	1			•				
		10	600	10	600		1				
				1 :	0.10						
		10	600	10	600						
		1	1								
					100						
	_	10	600	10	600		<u>.</u>				
		30	1,800	30	1,800	<b>—</b>	<del> </del>				
	-			60	3, 600	<del> </del>	1				
			(00	1.0	600	10					
		10	600	10	800	10					
		100		10	600	10					
		10	600	10	000	10					
			0)(0			1					
		10	600	10	600	10					
	1960 Six Months Totals	30	1.800	30	1,800	1	1				
	1960 Year Totals	120	1,000	60	3,600	30					

	COUNTRY: USSR				Metric 1	English	NAVAL VESSEL PRODUC Metric Englis	
25	5X1D1A				L.O.A.: 24.38	83.00		n
	TOTAL TOTAL				L.B.P.:		DISPLACEMENT	eeg .
	TYPE: PTC CLASS: MO-VI				Beam: 6.10 Draft: 1.68			Tons Tons
ļ			Propu	lsion a	nd H.P.: 3 Diesels	s: 3,600		Tons
ı			Comp	leted		Under Construction		
		Ja	nuary - June	Ju	ly - December	At Year End		
	Chi-rend and Location	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks	
	Shipyard and Location	110,	Tons (angital)	1 100	TOUR (EURTIPH)	No.	Remarks	
		12	720	13	780	ł	Program began in 1957 with completion of 5 units	
	J	1				1		
	J	12	720	13	780			
	,	'	1		1	1	25X1	
	1	Ц			1			
	,	24	1,440	26 50	1,560 3,000		Grand total completed - 55.	
	J			1 30	3,000	<del> </del>	Grand total completed - 55.	
	J	10	600	10	600			
	,	1		1:.		1		
	,	12	720	13	780	1		
	J	1			1			_
	J	Ц′	-					
	J	22	1,320	23 45	1,380			
	J			45	2, 700	<del></del>	Grand total completed - 100.	
	J	10	600	10	600	10	*	
	,	1 '				1		
	,	12	720	13	780	12	,	
—		1 '			,	1.		
	,				<u> </u>	<u></u>		
	1960 Six Months Totals 1960 Year Totals	22	1,320	23 45	1, 380			
	1900 1641 104415				2, 700	-RDP79S01100A000	Grand total completed - 145.	

		Approved I	or Relea	ase 2003/07/30 : CIA-	RDP79S01100A000	2200150001-2		
COUNTRY: USSR				Metric	Inglish	,	NAVAL VESSEL Metric	PRODUCTION English
X1D1A					English 140.00			
TYPE: PGMG					133. 33	DISPLACEMENT Light Ship	152	150 Ton
CLASS: OSA				Beam: 8.13 Draft: 1.28	26.67 4.21	Surface Vessel - Condition D		200 Ton
omes.		Propu	lsion a	nd E.P.: NA		Submarine - Condition M		Ton
		Comp	leted		Under		Angline and Spirit San Spirit and Spirit Spi	
	Ja	nuary - June	7	ly - December	Construction At Year End			
		Light Ship	1	Light Ship				
Shipyard and Location	No.	Tons (English)	No.	Tons (English)	No.	Remarks		
25X1						i .		Г
			1	1				
				-				
	1				*			
	1					*		
	+		<del> </del>					
	$\rightarrow$							
			-	200		Program began in early 1959.	Finat magazi	Lacomplate
	1		2	300		Aug 1959.	first vesse.	complete
			1		A	Aug 1757.		
	1	.0.		1				
		V	1		7m / 1	·		
			2	300		1		
	>		2	300		]		
	1		1		10		4.1	
	3	450	6	900	6	3		
	0		-					
		ē						
			-[					
,			-					
1960 Six Months Totals	3	450	6	900				
						Grand total completed - 11.		

COUNTRY: US	en e							NAVAL VESSEL	PRODUCTION
25X1D1A	JOR				Metric L.C.A.: 24.38	English		Metric	English
SAIDIA						83.00			-
					L.B.P.:		DISPLACEMENT	, .	( 0 M
	: PGMG				Beam: 6.10 Draft: 1.68	20.00	Light Ship Surface Vessel - Condition D	. 61	60 Tons
CLASS	OSTRYY		n		Draft: 1.68	5.50	Submarine - Condition M		73 Tons Tons
		7			id h.P.: 3 Diesels	3; 3,600 Under	Submarine - Condition M	· ·	1.0211
			Comp	1		Construction			
		Jar	nuary - June	Ju	y - December	At Year End	j		
			Light Ship		Light Ship				
Shipyard	and Location	No.	Tons (English)	No.	Tons (English)	No.	Remarks		
					ĺ				
				t	l				
				İ					_
				ł	1				
		i							
			,	l					
							_		
.958 Six Mo	nths Totals						4		
1958	Year Totals	$\geq \leq$		<u> </u>	<u> </u>		4		
		1		1		ļ			
		1							
					1				
		[		[		ł			
			ł		}				
•			Œ-		1	1			
							1		
1959 Six Mo	nths Totals			ļ	ļ				
1959	Year Totals	$\rightarrow$		ļ		<b></b>	4		
				1		}			
				6	360	6	First vessels of new program		
		1		·		ł	struction in in sum	mer 1960.	
				1		İ			
		i				1			
			İ		1	1			
3.000 01				<b> </b>		<u> </u>	4		
	onths Totals	-		6	360	<del> </del>	4		
1960	Year Totals			6	360	<u> </u>	<b>」</b>		

L.O.A.: 137.16 450.00   DISPLACEMENT			Approved For	Release	2003/07/30 : CIA-RE	P79S01100A00020	00150001-2	
Titeling					Metric T.O.A. 137.16	English 450.00		L FRODUCTION English
Shipyard and Location   January - June   July - December   At Year End	TYPE: AS	£	Propu		L.B.P.: 126.49 Beam: 16.76 Draft: 7.62	415.00 55.00 25.00 ; 14,000	Light Ship 7,160 Surface Vessel - Condition D . 9,090	7, 050 To 8, 950 To
Shipyard and Location			Comp	Leted				
Shipyard and Location		Ja		Ju		At Year End		
1 7,050 1 7,050  1 7,050 1 7,050  1 7,050  1 7,050  1 7,050  1 7,050  1 7,050  Grand total completed - 3.	Shipyard and Location	No.		No.		No.	Remarks	25X1D1
2 14, 100 1 7, 050 1 7, 050 1 7, 050 Grand total completed - 3.		1	<b>7,0</b> 50	1	7,050			
2 14,100 1 7,050 1 7,050 1 7,050 Grand total completed - 3.			er.			And the state of t		
2 14,100 1 7,050 1 7,050 1 7,050 Grand total completed - 3.	-	1	7, 050		7, 050			
1 7,050 1 7,050 Grand total completed - 3.		$\geq$						
1 7,050 1 7,050 Grand total completed - 3.				1	7, 050			
Grand total completed - 3.			-	,			*	
Grand total completed - 3.							*	
				1			l	
1 7,050 2	-			1	7,050		Grand total completed - 3.	
		1	7,050	1	7,050	2 -		
		*						
1960 Six Months Totals  1 7,050  1960 Year Totals  2 14,100  2 Grand total completed - 5				1		-	Ţ	

			Approved	l For Rel	ease 2003/07/30 : Cl	A-RDP79S01100A0	000200150001-2
	COUNTRY: USSR				Metric L.O.A.: 56.39	English 185.00	NAVAL VESSEL PRODUCTION Metric English
25	TYPE: LSI				L.B.P.: 54.25 Beam: 7.92	178.00 26.00	TOTSPLACEMENT Light Ship 610 600 Tons
_	CLASS: MP-2		D		Draft:		Surface Vessel - Condition D . Tons
L				-	nd H.P.: NA	Under	Submarine - Condition M Tons
				Leted		Construction	
		Jaz	nuary - June	Jul	y - December	At Year End	
	Shipyard and Location	No,	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
		3	1,800	3	1,800		Program began in 1956. 12 vessels completed to end of 1957.
					,		
		3	1,800	3	1,800		
	<u> </u>	$\geq$		6	3,600		Grand total completed - 18.
		3	1,800	3	1,800		
							-
		į				1	
	<del> </del>	3	1,800	<del> </del>	1,800		<u> </u>
	<u> </u>	<b> </b>	1,000	3 6	3,600	<del> </del>	Grand total completed - 24.
				1	3,000		Grand total completed 21.
		3	1,800	3	1,800	0	
			e			*	
	1960 Six Months Totals	3	1,800	3	1,800		
1	1960 Year Totals	$\leq$		1 6	3,600		Grand total completed - 30.

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR Metric English L.O.A.: 54.86 180.00 NAVAL VESSEL PRODUCTION Metric English 25X1D1A TYPE: LSC L.B.P.: DISPLACEMENT Beam: MP-4 Draft: 610 600 Tons Propulsion and H.P.: Tons Under Completed 25X1 Tons Construction January - June Light Ship July - December
Light Ship
o. Tons (English) At Year End Shipyard and Location No. Tons (English) No. No. Remarks 2 1,200 3 1,800 Program began in 1956 and terminated in 1958. 25X1 32 vessels completed. 2 1,200 3 1,800 2,400 6 3,600 10 6,000 1959 Six Months Totals 1959 Year Totals 1960 Six Months Totals 1960 Year Totals

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR NAVAL VESSEL PRODUCTION Metric English : 72.69 238.50 Metric . English L.O.A.: 25X1D1A L.B.P.: 224.95 68.56 DISPLACEMENT TYPE: LSC Beam: 10.02 32.88 CLASS: MP-6 800 Tons Draft: 3.7 12.14 800 Under 1,880 Tons Tons Propulsion and H.P.: Submarine - Condition M Completed Construction January - June Light Ship July - December At Year End Light Ship 25X1 Shipyard and Location Tons (English) Tons (English) No. No. Remarks 25X1 The basic ship is believed construction and completed either in 25X1 USSR as an LSC. Production is not included in USSR totals. 25X1 3 2,400 3 2,400 First vessels appeared in 1959. 1959 Six Months Totals 1959 Year Totals 25X1 3 2, 400 2.400 4.800 2,400 3 3 2,400 3 1960 Six Months Totals 1960 Year Totals 2,400 2, 400 Year Totals 4.800 Grand total completed - 12.

+ **y** = ;

COUNTRY: USSR NAVAL VESSEL PRODUCTION Metric English : 60.96 200.00 25X1D1A Metric English L.O.A.: L.B.P.: DISPLACEMENT TYPE: LSM Beam: 9.75 32.00 CLASS: 700 Tons MP-8 711 Draft: Tons Propulsion and H.P. Tons Under Completed Construction January - June Light Ship July - December
Light Ship
Tons (English) At Year End Shipyard and Location No. Tons (English) No. Remarks 25X1 25X1 6 4,200 6 4,200 Program began in 1958. First vessels observed 1959. 1959 Six Months Totals 1959 Year Totals 6 4,200 6 4,200 Year Totals 12 8,400 25X1 6 4,200 4,200 6 1960 Six Months Totals 1960 Year Totals 6 4,200 4, 200 Year Totals Grand total completed - 24.

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR NAVAL VESSEL PRODUCTION Metric English : 38.40 124.00 Metric English L.O.A.: L.B.P.: DISPLACEMENT TYPE: LCU 25X1D1A CLASS: MP-10 Beam: Draft: 152 150 Tons Propulsion and H.P.: Tons Tons Under Completed 25X1 Construction January - June Light Ship July - December
Light Ship
Tons (English) At Year End Shipyard and Location No. Tons (English) No. No. Remarks 6 900 6 900 Program began in 1958. 25X1 900 900 6 Grand total completed ~ 12. 12 1,800 6 900 6 900 6 900 6 900 1,800 Grand total completed - 24. 6 900 6 900 6 1960 Six Months Totals 1960 Year Totals 6 900 6 12 900 Year Totals Grand total completed - 36.

### Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR Metric : 48.2 NAVAL VESSEL PRODUCTION English 158.14 L.O.A.: Metric English L.B.P.: 44.4 145.68 25X1D17APE: LCU DISPLACEMENT Isplacement Light Ship . . . . Condition D . Surface Vessel - Condition M . . . . Beam: CLASS: MP-SMB-1 6.5 21.33 305 Draft: Propulsion and H.P.: 300 Tons 2.0 Diesels 6. 56 600 530 Tons Tons 538 Completed Construction January - June Light Ship y - December Light Ship Tons (English) At Year End Shipyard and Location No. Tons (English) No. No. Remarks 25X1 25X1 6 1,800 6 1,800 1,800 6 1,800 3,600 Grand total completed - 12. 6 1,800 6 1,800 6 1960 Six Months Totals 1960 Year Totals 6 1,800 1,800 3,600

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2

Grand total completed - 24...

## •

5X1	ID1A				Metri L.O.A.: 145.	50 477 39	DISPLACEMENT	MERCHANT VESS Metric	EL PRODUCTION English
_	TYPE: TANKER CLASS: KAZBEK				L.B.P.: 138.  Beam: 19.  Draft:	20 63 00	Light Ship	4,820 16,250	4, 740 Ter
				Propulsion	and H.P.: 2 Die	50 27,89 esels; 4,000 (3,760SHP)	DEADWEIGHT . GROSS REGISTER .	11,430	11, 250 Ter
			Comple		Under Construction		dioes hegioter	8, 229	8, 229 Ter
			Tons	(English)	At Year End				
_	Shipyard and Location	No.	Light Ship	Gross Register	No.	1		25X1	
		2	9, 480	16, 458		2 tankers completed in	Remarks		
		3	14, 220	24, 687		Buguruslan, Ushgorod			
							, and americanov.		
		5	23, 700	41,145		Grand total completed	25X1		
		3	14, 220	24,687			- 33:		
		4	18,960	32, 916					
		,							
		7	33,180	57, 603		Grand total completed	- 60.	_25X1	
		1	4,740	8, 229	o [				
		4	18,960	32, 916	3				
10	60 Year Totals								
-2	OV LUCI LUCALS	<u> </u>	23, 700	_41, 145	3	Grand total completed -			

COUNTRY: USSR			.1				
5X1D1A					Metri		SSEL PRODUCTIO
					L.O.A.: 202. L.B.P.: 188.	DIDI IMCENINI.	English
TYPE: TANI CLASS: PEKI	KER				Beam: 25	80 - 94 (5	9,160 Ton
PERI	7/			Propulston	Draft: 10.	65 34.94 DEADWEIGHT 39,770  Consider the state of the state	39, 140 Ton 29, 980 Ton
				-		red Turbine: 19,000 SHP GROSS REGISTER 21,256	21, 256 Ton
		l	Complet	ed	Under Construction		
			Tons (	English)	At Year End		
Shipyard and Lo	cation	No.	Light Ship	Gross Register			
			Dillp	negister	No.	Remarks	
					2	Pekin keel laid 9/57, launched 12/58	
						Warsaw keel laid 7/58	
			1 1		3	Pekin fitting-out	
				ı			
						Warsaw launched 8/59	34
					•	Budapest keel laid c. 3/59	
		1	ł			3, 3, 3,	
		-					
		*				-	
		2	18,320	42,512	2	Pekin completed - 29 month under construction.	
	' I		1		-		
			1	Ì		Warsaw completed	
	1		1	1		Budapest launched 23 June 1960	
060 W				1		1	
1960 Year Totals		2	18,320	42,512	2	A-RDP79S01100A000200150001-2	

COUNTRY: USSR		Арр	roved For Relea		-RDP79S01100A0002001	50001-2	MERCHANY VESS		ION
25X1D1A  TYFE: TANKEF CLASS: OLEG K			Propulsion	Metric L.O.A.: 123. L.B.P.: 115. Beam: 16. Draft: 4. and H.P.: 2 Die	50 405.20 02 377.38 02 52.56	DISPLACEMENT Light Ship Full Load DEADWEIGHT GROSS REGISTER	Metric  1,819 6,060 4,241 2,950	English  1,790 T  5,960 T  4,170 T  2,950 T	ons
		Comple		Under Construction			×		===
Shipyard and Locat	ion No.	Tens Light Ship	(English) Gross Register	At Year End No.		Remarks	25X1		
	4	7,160	11,800	:		<u> </u>			
						P			_
-	4	7, 160	11,800		Grand total complete	:d - 14			
	4	7,160	11,800	0	estir	nated 3 additional ships	completed nan	nes unknov	
				·					2
1959 Year Totals	4	7,160	11,800	0	Grand total complete	d - 18. Program termi	nated.		
					w.				
1960 Year Totals		1							

### Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR MERCHANT VESSEL PRODUCTION Metric 67.36 25X1D1A English 221.00 English Metric L.O.A.: DISPLACEMENT L.B.P.: 63.70 209.00 710 Light Ship 700 Tens TYPE: TANKER Beam: 10.00 Draft: 4.57 Full Load . DEADWEIGHT . . GROSS REGISTER 32.80 1,930 1,900 Tons CLASS: ковні 4.57 2 Diesels; 15.00 Total 1,600 1,200 1,220 Tons Propulsion and H.P.: 808 Tons Completed Under Construction At Year End Tens (English) 25X1 Light Gross Shipyard and Location No. Ship Register No. Remarks 3 2,100 2, 424 0 Program terminated - total number vessels constructed and delivered 25X1 25X1 to naval and merchant service - 30. 1958 Year Totals 2,100 2, 424 1959 Year Totals 1960 Year Totals

COUNTRY: USSR (1D1A					MERCHANT VESSEL PRODUCT
.1D1A				Metric	c English Metric English
TYPE: CARGO CLASS: LENINSKIY KO	OMSOM(	)L	Propulsion	L.O.A.: 169.9 L.B.P.: 156.0 Beam: 21.8 Draft: 9.7 1 and H.P.: Gears	0 511.84 Light Ship 6,060 5,960 T. 8 71.53 Full Load 22,100 21,750 T.
25X1		Complet		Under Construction	
		Tons	(English)	At Year End	
Shipyard and Location	No.	Light Ship	Gross Register	.No.	Remarks
				1	Program began in both yards in 2nd quarter 1957.
	1	İ		1	1 10gram bogan in bom yards in Zhu quarter 1751.
	'			1	
-		1		. '	
				<u> </u>	
<del></del>	<del>                                     </del>	-		T'	1
	1	5,960	12 <b>, 0</b> 90		lst ship - delivered Dec 60, 30 months under construction.
	1			1	
	- 1			1	2
	1	5, 960	12,090		Grand total completed - 1.
	1	5,960	12,090	3	
	2	11,920	24, 180	3	
	1	1		1	
	1	1	1	1	

	OUNTRY: USSR					Metric	English	MERCHANT: VESSEL P Metric: En	PRODUCTION aglish
X1D	TYPE: DRY CAL			/TIMBER	Propulsion	L.O.A.: 120.00 L.B.P.: 112.00 Beam: 15.00 Draft; 4.00 and H.P.: 2 Diese	393.60 367.40 49.20	DISPLACEMENT Light Ship 1,598 1,5 Full Load 5,310 5,2 DEADWEIGHT 3,712 3,6	570 Tons 230 Tons
		}	<del></del>	Complet	eted (English)	Under Construction At Year End			
_	Shipyard and Locat	tion	No.	Light Ship	Gross Register	No.		Remarks	2
		.	, 1	l					
		.		1					
		_		1					
			2	3,140	5,800				
				· Í					
				İ					
		$\overline{-}$	2	3,140	5,800				
			4	6,280	11,600	2			
					1				
		1	- 1		1				

### Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR MERCHANT VESSEL PRODUCTION Metric English 399.63 25X1D1A Metrie English L.O.A.: 121.80 DISPLACEMENT Light Ship . Full Load . L.B.P.: 114.00 374.00 3,160 3,110 Tons TYPE: TIMBER/GRAIN CARGO CLASS: PAVLIN VINOGRADOV Beam: 16.1 52.82 Tons 9,420 9,270 Draft: Propulsion and H.P.: 22, 97 Gas turbine; 4000 DEADWEIGHT . Tons 7.0 stage 6, 260 4, 750 6, 160 4, 750 GROSS REGISTER Tons Completed Under Construction Tons (English) ight | Gross At Year End Light Ship Shipyard and Location No. Register No. Remarks 25X1 1 Program began second half 1959. 25X1 1 3,110 4,750 2

Approved For Release 2003/07/30 ; GIA-RDP79S01100A000200150001-2

4,750

1960 Year Totals

C	OUNTRY: USSR			T			MERCHANT VESSEL PRODUCTION
25X1	D1A					Metric L.O.A.: 130.8	
	TYPE: REFRI		OR		Propulsion	L.B.P.: 118.0 Beam: 16.8 Draft; 6.0 and H.P.: Diese	00 387.16 Light Ship 4,830 4,750 Ten 80 55.12 Full Load 8,970 8,830 Ten
214				Comple		Under	
(1				Tons (English)		Construction At Year End	
• •				Light	Gross		25X1D1A
_	Shipyard and Loc	ation	No.	Ship	Register	No.	Remarks
							A second series of refrigerator ships was started in late 1957 or early 1958. This series, known as the Sevastopol-class, has the same general hull and propulsion characteristics as the Aktyubins class but differs from this class by including facilities for processing whale meat and a quick-freeze compartment for freezing both whale meat and fish.
		,	2	9,500	11,046	1	
							25X1
			2	9,500	11,046	1	
			1	4,750	5,523	1	Assume program continuing on only one way.

derputter		, .pp.	roveu For Releas					
COUNTRY: USSR 1D1A  TYPE: REFRIGERATO CLASS: AKTYUBINSK	OR		Propulsion	Metric L.O.A.: 130.4 L.B.P.: 118.0 Beam: 16.9 Draft; 7.1 and H.P.: Dies	35 429.32 DIS 00 387.16 I 00 55.12 F	SPLACEMENT Light Ship Light Ship LULL Load LOWEIGHT LOSS REGISTER	10,250	EL PRODUCTIO English 4,080 Tel 10,090 Tel 6,000 Tel 5,217 Tel
		Complet		Under Construction				
Shipyard and Location	No.	Tons ( Light Ship	English) Gross Register	At Year End		Remarks		
	4	16, 320	20,868	0	Program terminated.	nemarks		
1958 Year Totals	4	16, 320	20, 868	0	Grand total completed - 14	4.		
		-						
-								
1959 Year Totals							****	
					e ***			
1960 Year Totals								

### Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 MERCHANY VESSEL PRODUCTION. COUNTRY: USSR English English 390.44 Metrice Metric 25X1D1A L.O.A.: 119 L.B.P.: 108 DISPLACEMENT Light Ship . 3,750 3,810 Tons 354.35 TYPE: PASSENGER CLASS: ZABAYKALYE Beam: 19.4 Draft; 5.4 Full Load 7,100 7,000 Tons 63.65 DEADWEIGHT . 3, 300 5, 750 3, 250 5, 750 Tons Tons 17.8 : 5.900 (3 5.4 Propulsion and H.P.: Diese WSGROSS REGISTER Completed Under Construction Tons (English) ight Gross At Year End 25X1 Light 25X1 Shipyard and Location No. Ship Register No. Remarks - completed in 1957. 1 3,750 5,750 0 First vessel of this class - completed in 1958. Second vessel -25X1 25X1 Program believed terminated. 1958 Year Totals 3,750 5, 750 Grand total completed - 2. 25X1 1959 Year Totals

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2

1960 Year Totals

,			Appı	roved For Releas	se 2003/07/30 : CIA	-RDP79S01100A000200150001-2	
COUNTRY: US	SR					MERCHANT VESSEL PRODUCTION	ON
X1D1A					Metric L.O.A.: 101.5 L.B.P.: 94.0	English Metric English 0 333.00 DISPLACEMENT 0 208.40 Light Ship 2,384 2,350 To	ns
	n . convone						
	PASSENGER				Beam: 14.6		
CLASS:	KIRGIZSTAN			Promileton	Draft; 3.7	6 12.34 SHP)DEADWEIGHT 576 567 To	
				Fropursion	and here. 5 Die:	leis; 10ta) 4, 000 (3, 760 diob) indication 3, 719	
			Complet		Under Construction		
				English)	At Year End	,	
			Light	Gross		· Anna ·	25
Shipyard	and Location	No.	Ship	Register	No.	Remarks	
						`	
					2		
				-			
		1		0)	{		
		1			,		
		i			1		
		1					
		<del>                                     </del>			2		
					3		
					1 1		
		}	-				
			1				
					,		
		İ	1		'	· and	
		<del> </del>			3		
		1	i i				
		2	4,700	6,438	1	Program may terminate with 3 ships.	25
		4	4,700	0,430 .	1	Program may terminate with 5 onipo	20
		1	1	**			
		I	1			· ·	
			1				
		)	1		1	. Υ	
		1					
1960 Year To	atele	2	4,700	6.438	1		
			T, 100	1 0, 730	<del>_</del>		

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 MERCHANT VESSEL PRODUCTION. COUNTRY: USSR Metrico English Metric L.O.A.: 134.00 English 439.65 25X1D1A DISPLACEMENT 14, 270 Tens 14,500 L.B.P.: 122,83 403.00 Light Ship 15,750 Tens 1,480 Tens 13,000 Tens TYPE: ICEBREAKER (ATOMIC)
CLASS: LENIN Beam: 27.60 Draft; 9.20 16,000 90.56 Full Load Draft; 9.20 Propulsion and H.P.: Turbo/H 30.19 DEADWEIGHT . 1,500 GROSS REGISTER 13,000 Completed Under Construction Tons (English)
ight Gross At Year End 25X1 Light Remarks Shipyard and Location No. Ship Register No. 25X1 Construction began first half 1956; keel laid Aug 1956; launched 1 5 Dec 1957; completed fall 1959. 14, 270 13,000 0 1 1959 Year Totals 14, 270 13,000

1960 Year Totals

	, h									
			Apr	proved For Relea	ase 2003/07/30 : CIA	-RDP79S01100A000200150	0001-2			
COUNTRY: USSR X1D1A					Metric L.O.A.: 67.67	English 222.03	DISPLACEMENT	MERCHANT VESSE Métric	English	
TYPE: ICEE	REAKER	(PORT)			L.B.P.: 62.00 Beam: 18.06	59, 25	Light Ship Full Load DEADWEIGHT	, 2,438 2,718 * 280	2, 400 Ter 2, 675 Ter 275 Ter	ns ns
CHADD.			-	Propulsion	Draft; 5.50 and H.P.: Diese	I/Elec.: 5400	GROSS REGISTER .	2,000	2,000 To	16
			Complet		Under Construction					
			Tens Light	(English) Gross	At Year End					
Shipyard and I	ocation	No.	Ship	Register	No.	7.	Remarks			
	7						,			
										_
		1			101				œ.	
			0				25)	/1		
				1			25/	X I		
				-						
					<del>                                     </del>	<u></u>				
					1	Series construction	1	began in late 1959		
						_				
				1						_
			1							
		<del> </del>			1					
			1		1 2					
		1	2,400	2,000	3					
		1	2,400	2, 000	3					
		1	2,400	2,000	3					
		1	2,400	2,000	3	# & *				
		1	2,400	2,000	3	N				

TYPE: TANKER-WATER CARRIER Beam: 16.02 52.56 Full Load 6,060 5,960 To				Аррі	oved For Releas	se 2003/07/30 : CIA	-RDP79S01100A0002001	50001-2			
L.B.P.: 115.0 2 377.38											
Completed   Under Construction   At Year End   Itght Gross   Ship Register   No.   Remarks	TYPE: TA			RIER	Propulsion	L.B.P.: 115.0 Beam: 16.0 Draft: 4.0	2 377.38 2 52.56 0 13.12	Light Ship Full Load DEADWEIGHT	6,060 4,241	5,960 4,170	Tons Tons Tons
1   1,790   2,950   1   1,790   2,950   1   1,790   2,950   1   1,790   2,950   1   1,790   2,950   1   1,790   2,950   1   1,790   2,950   1   1,790   2,950   1   1,790   2,950   1   1,790   2,950   Grand total completed - 3. Program terminated.					ed.	Under Construction			,		
Shipyard and Location   No.   Ship   Register   No.   Remarks					English)	At Year End					
1 1,790 2,950  1 1,790 2,950  1 1,790 2,950  1 1,790 2,950  Grand total completed - 3. Program terminated.	Chi-	d Foodton	No			No.		Remarks			
1 1,790 2,950  1 1,790 2,950  1 1,790 2,950  Grand total completed - 3. Program terminated.	Shipyard sho	d Hocation									
1 1,790 2,950  1959 Year Totals 1 1.790 2,950 Grand total completed - 3. Program terminated.			-	1, 1, 70	2, ,,,,,,,,						
1 1,790 2,950  1959 Year Totals 1 1.790 2,950 Grand total completed - 3. Program terminated.				·							
1959 Year Totals 1 1.790 2.950 Grand total completed - 3. Program terminated.			1	1,790	2, 950						
1959 Year Totals 1 1.790 2.950 Grand total completed - 3. Program terminated.			1	1,790	2, 950	·	0				
1959 Year Totals 1 1.790 2.950 Grand total completed - 3. Program terminated.											
		,	-			•					
	1959 Year Total	.s	1	1.790	2,950		Grand total complete	d - 3. Program te	rminated.		
					. 8						
							g • · · · · · · · · · · · · · · · · · ·				
1960 Year Totals	1960 Year Total	s		-							

\*Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 MERCHANT VESSEL PRODUCTION COUNTRY: USSR Metrice English English 277, 90 246, 08 Metric L.O.A.: 84.70 L.B.P.: 75.00 DISPLACEMENT 25X1D1A Light Ship Full Load 2, 358 2, 320 Tons 3, 658 3, 600 Tons TYPE: HYDROGRAPHIC SURVEY 45,93 Beam: 14.00 1,300 3,170 1, 280 3, 170 Draft; Propulsion and H.P.: DEADWEIGHT . Tons CLASS: VOYEYKOV 5.54 18.18 2000GROSS REGISTER Tons Completed Under Construction Tons (English) At Year End 25X1 Light Gross 25X1 Remarks No. Shipyard and Location No. Ship Register class fish factory vessels were com-Two hulls of the 25X1 pleted as vessels. 25X1 1 2,320 3,170 25X1 2,320 3,170 25X1 1 2,320 3,170 1960 Year Totals 2, 320

		*An	aroved For Relea	se 2003/07/30 · CIA	-RDP79S01100A00020015	•		
COUNTRY: USSR 25X1D1A TYPE: CAR FERRY CLASS: CASPIAN	a	Арі		Metric L.O.A.: 133.70 L.B.P.: Beam: 18.30 Draft: 4.5	English 438.66	DISPLACEMENT Light Ship Full Load DRADMEIGHT GROSS REGISTER	Metrice 2,550 6,000 3,450	EL PRODUCTION English  2,510 Tons 5,910 Tons 3,396 Tons 4,500 Tons
		Complet	ed.	Under Construction	7E.LEC. ; 6, 230 (SAF)		To Division in the second	
Shipyard and Location	No.	Light Ship	English) Gross Register	At Year End	v. :	Remarks		
						1		
				~				
·	*							
L958 Year Totals						•		
	,							
1959 Year Totals	ļ				A -			
				1	To build several (pos vessel scheduled for	sibly 4) during the seve completion in 1961.	en-year plan.	First
1960 Year Totals				1 se 2003/07/30 : CIA	<del>.</del>			

### Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 MERCHANT VESSEL PRODUCTION COUNTRY: USSR Metric English Metric L.O.A.: 84',70 L.B.P.: 75,00 English 277,90 25X1D1A DISPLACEMENT 2, 320 2, 358 Tons 246.08 Light Ship . Full Load . DEADWEIGHT . . GROSS REGISTER Tons TYPE: FISH FACTORY TRAWLER Beam: 14,00 45, 93 3,658 3,600 CLASS: MAYAKOVSKIY Draft; 15.54 Propulsion and H.P.: Diesel Draft; 1,300 1,280 18.18 2-43/61 VI; 2000 Tons 170 Completed Under Construction 25X1 Tons (English) At Year End 25X1 Light Gross Shippard and Location No. Ship Register No. Remarks 25X1 Program started in 1957. . 8 18,560 25,360 Grand total completed - 8. 18,560 25, 360 34,870 11 25,520 25X1D1A 25X1 25,520 34,870 Grand total completed - 19. was completed in 1960. 25,520 34,870 The second research ship, 11 25X1 1960 Year Totals 25, 520 Grand total completed - 30. 34,870 Approved For Release 2003/07/30 : CLARDP79S01100A000200150001-2

	COUNTRY: USSR		Арр	roved For Relea	Metric		
2! [	5X1D1A TYPE: CRAB FACTO CLASS:	ORY		Propulsion	L.O.A.: 162 L.B.P.: 145 Beam: 20 Draft; 7 and H.P.: Diese	531.52 DISPLACEMENT 8,950 8,810 475.75 Light Ship 8,950 15,060 65.62 Full Load 15,300 15,060 22.97 DEADWEIGHT 6,350 6,250 1:6250 GROSS REGISTER 9,500 9,500	Tons
L			Complet Tons ( Light	(English)	Under Construction At Year End		
1	Shipyard and Location	No.	Ship	Register	No.	Remarks	
					1	Keel for first ship laid April 1959.	
	1959 Year Totals						
-					2	launched 20 April 60. Estimated completing ea 61. Seçond vessel reported under construction. 25X1	rly
			İ	I .	1	1	

2	COUNTRY: USSR 5X1D1A  TYPE: WHALE FACT CLASS: SOVETSKAYA				Metric L.O.A.: 217.8 L.B.P.: 200.0 Beam: 27.8 Draft: 10.6	0 656.20 0~ 91.21	DISPLACEMENT Light Ship Full Load DEADWEIGHT GROSS REGISTER		EL PRODUCTION English 16,830 Tons 43,110 Tons 26,280 Tons 32,024 Tons
			Complet	ed	Under Construction				,
4				English)	At Year End			2	5X1
- 1		NTO	Light Ship	Gross Register	No.		Remarks	_	_
25×1	Shippard and Location  Shippard and Location	No.	Ship	neg.ister	1	down about Apr 19 Second ship in pro launch of first ship completion fall 61. down following lau	of 3 ships. First ship, 57, launched 23 Jan 59 a gram, and scheduled for launched Third ship, estir 25X1	laid down fehing Oct 60.	following Estimate nated laid
	25X1	1	16,830	32, 024	1		25X1		
1			1						
1	1959 Year Totals	1	16,830	32, 024	11	<u></u>			
25X1					2				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			,						

	1		, App	roved For Releas	se 2003/07/30 : CIA	• A-RDP79S01100A000200150001	-2			
2	COUNTRY: USSR 25X1D1A TYPE: WHALE CATC CLASS: MIRNYY	HER	·	Propulsion	Metric L.O.A.: 63.6 L.B.P.: 59.7 Beam: 9.5 Draft; 4.4 and H.P.: Diese	0 208.67 DI 5 196.04 2 31.24	SPLACEMENT Light Ship Full Load ADWEIGHT COSS REGISTER	MERCHANT VESS Metrice 957 1,273 316 840	English 940 1,250	Tons Tons
25X1			Light	English) Gross	Under Construction At Year End			25X	1	
	Shipyard and Location	No. 10	9,400	Register 8,400	.No.	Program started  Eight ships were comple estimated to be about 80	eted in 1957	th completion	of 3 ship otal prog	
	25X1	10	9, 400	8,400		Grand total completed - 2	25X1	I		
		14	13,160	11,760						
- 0	25X1					v				
	1959 Year Totals	14	13, 160	11,760		Grand total completed - 3	35.			•
	25X1	16	15, 040	13, 440	10	4.				

Grand total completed - 51.

1960 Year Totals

16 15,040

### APPENDIX II

SUMMARY OF PRODUCTION

OF SOVIET VESSELS

BY TYPE AND BY CLASS

1958, 1959, AND 1960

7			Approved	For Rele	ase 2003/07/30 : CIA-	RDP79S	01100A00020015000	1-2	NAMES AND OTHER TRACESTORY
4.1	COUNTRY: USSR							<del></del>	NAVAL VESSEL PRODUCTION 1958
					Completed			Under Construction	1930
		Ja	nuary - June	Ju	ly - December		Total	At Year End	
	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
	Type and Class	110.	Tons (magrion)	10.	(12000)				
3, -1,	SUBMARINE:								*
	SC *			l	2	1			
	<u>ss</u>			ł		_ 6			
	F			2	2,900	2	2,900	1	25
1	CCD								
- 1	SSB			ł		ŀ			
	G	1	1,950	2	3,900	3	5,850		This class of probable SSB
		1	`		İ	1			identified in fall of 1959.
				ł	1	1			nage estimates shown her
		ł		1	1		[		based on assumption these marines are larger than '
		1		1			1		conversion"-class both in
	·			1		1			spect to sail and to hull
				1		1			dimensions. The first un
		]	(0)			į		1	lieved completed early 19
				1					
	PROBABLE NUCLEAR				9			·	(See note page 54)
17.		1		1		1	1		
- 1		1	1	1					
			1	1					
		1			1				1 .
		1							Q.
		1				1			
						1			
2.0			-						
1.									
100		1		1	j	1		1	1.0
				1	į.	1	1	1	!

COUNTRY: USSR								NAVAL VESSEL PRODUCTION
				Completed			Under Construction	1958
	Ja.	nuary - June	Ju	ly - December	1	Total	At Year End	
Type and Class	No.	Light Ship Tons (English)	No.	. Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
SURFACE COMBATANT		*		,				
VESSELS							*	
$\overline{\mathrm{D}}\overline{\mathrm{D}}$								
Kotlin	1	2, 350			1	2, 350	ì	Program terminated . Total 30.
<u>DDG</u>						Y		
Kildin Krupnyy	1	2, 350	2 1	4,700 2,960	3	7, 050 2, 960		
MSF					ŀ			
T-58			4	2, 360	4	2, 360		Program began in 1958.
MSL		_	-	-	].			
Sasha	8	1,520	8	1,520	16	3, 040		Program began in 1957.
PC	-			*				
SO1	7	756	8	864	15	1,620		Program began in 1957
PT					- 00			
P-6, P-8, P-10	35	2,100	35	2, 100	70	4, 200	•	
PTC				, J			*	
MO-VI	24	1,440	26	1,560	50	3,000		Program began in 1957.
TOTAL SURFACE COM-		1	1		1		1	

					Completed			Under Construction	1958
100	1	Ja	nuary - June	Ju	ly - December		Total	At Year End	
	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
-	AUXILIARY VESSELS								· · · · · · · · · · · · · · · · · · ·
- * ; - ; }	AS	- 0	ē						
<b>(</b> 1	Don	1	7,050	1	7,050	2	14,100	1	
	AMPHIBIOUS VESSELS					0.			
	LSI								
	MP-2	3	1,800	3	1,800	6	3, 600		Program began in 1956.
	LSC	-							
	MP-4	4	2,400	6	3,600	10	6,000		Program began 1956, tes nated in 1958.
	LCU							- 5/1	,
,	MP-10	6	900	6	900	12	1,800		Program began in 1958.
	TOTAL AMPHIBIOUS VESSELS	13	5,100	<u>15</u>	6, 300	28	11,400		`
			-				a.		
1	d			Э					

=	COUNTRY: USSR				Completed			Under Construction	10
		Ja	nuary - June	Ju	ly - December		Total Light Ship	At Year End	
-	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Tons (English)	No.	Remarks
	SUBMARINE								-
-		1							
	<u>ss</u>								Good total completed 7
	F	2	2,900	3	4, 350	5	7, 250 -	``	Grand total completed - 7.
	SSB	1					·		
		2	3,900	5	9,750	7	13,650		Grand total completed -
	G		3,,,00		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				(See note page 54)
	PROBABLE NUCLEAR								(bee note page 5-7)
	a.							İ	25X1
	8			1					25/
		1							
	0								
	. ()								
	• • •	ł						3	
			-		0		-	ď	
						1		9 V	

	COUNTRY: USSR							<del></del>	NAVAL VESSEL PRODUCTION
					Completed			Under Construction	1959
2		Je	nuary - June	Ju	dy - December	l	Total	At Year End	
	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
	SURFACE COMBATANT VESSELS		*						
	DDG				.,			*	
	Kildin Krupnyy	1	2, 350	2	5,920	1 2	2, 350 5, 920	*	Program terminated. Total -
	MSF					l	·		
	T-58	5	2, 950	5	2,950	10	5,900		
	MSI	1							
	Sasha	8	1,520	9	1,710	17	3, 230		
	PC		-						
	SO1	20	2,160	20	2, 160	40	4, 320		
X.	PT						-		
	P-6, P-8, P-10	30	1,800	30	1,800	60	3,600	В	
17	PTC		9			6			
	MO-VI	22	1,320	23	1,380	45	2,700		
1	PGMG				:			,	
ų V	Osa			2	300	2	300		Program began in 1959.
2	FOTAL SURFACE COM- BATANT VESSELS	86	12, 100	91	16, 220	177	23, 320	1	

	*				Completed			Under Construction	1959	
		Je	nuary - June	July - December			Total	At Year End	1	
	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks	
	AUXILIARY VESSELS									
	AS									
	Don			1	7,050	1	7,050	\	2	
	AMPHIBIOUS VESSELS					-				
	LSI						*			
	MP-2	3	1,800	3	1,800	6	3,600			
	25X1	(3)	(2, 400)	(3)	(2, 400)	(6)	(4,800)		Built for USSR	
	LSM								included in USSR totals)	
	MP-8	6	4.000		4.5				25X1	
	LCU	0	4, 200	6	4, 200	12	8,400		Program began in 1958, first vessels observed 1959.	
, 5	MP-10	6	900	6	900	12	1,800			
	MP-SMB-1	6	1,800	6	1,800	12	3, 600			
1	TOTAL AMPHIBIOUS VESSELS	21	8,700	21	8,700	43	17 400			
			. "	21	0,100	42	17, 400			
				0						

	COUNTRY: USSR	1			Completed			Under	NAVAL VESSEL PRODUCTIO
			nuary - June	T	ily - December	<del></del>	Total	Construction	
1	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	At Year End	Remarks
	SUBMARINES						,		25X
	SS								25X1
and the second second	F	3	4,350	3	4, 350	6	8,70 <b>0</b>	. 4	Grand total completed - 13. Following the launching of 1 F-class submarines,
	*	- 100					Ψ.		The 4 mated under construc
	SSB								year end are tentative Successor." 25X1
,	G	3	5,850	5	9,750	8	15,600		Grand total completed - 18.
	PROBABLE NUCLEAR*			A series of the					*There is evidence that nucle powered submarines are und construction. The first unit may have been completed as early as 1958. If so, as ma as four such submarines couhave been completed by mid 1960.

		*			Completed			Under Construction	196
		Ja	nuary - June	Jı	ıly - December	Total		At Year End	
	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
	SURFACE COMBATANT								25X1
	VESSELS	Ì				-	-		25/(1
	DDG							·	
	Krupnyy	1	2,960	4	11,840	5	14,800	7 ,	
	MSF								
	T-58	5	2, 950	-	2.050				
	MSL		2, 930	5	2, 950	10	5, 900	.5	
	Sasha	6	1,140	10	1,900	16	2 040		
	PC		1,110	10	1, 700	16	3, 040	8	
	SO1	20	2,160	20	2,160	40	4,320	30	
	PT		2, 200		2,100	10	±, 3∠∪	20	
Ш	P-6, P-8, P-10	30	1,800	30	1,800	60	3,600	30	
ı	PTC						3,000		
	MO-VI	22	1,320	23	1,380	45	2,700	22	
	PGMG						-	-	
	Osa	3	450	6	900	9	1,350	6	
	Ostryy			6	360	6	360	6	
	TOTAL SURFACE COM- BATANT VESSELS	87	12, 780	104	23, 290	191	36,070	- 0 -	

					Completed	. 15		Under Construction		1960
	-	18	nuary - June Light Ship	Ju	ly - December		Total	At Year End		
	Type and Class	No.	Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks	
in T	AUXILIARY VESSELS									
	AS				(O)					
V	Don	1	7, 050	1	7,050	<u>2</u>	14,100	2		
-	AMPHIBIOUS VESSELS			_		_	11,100	2		2
	<u>LSI</u> 25X1								. [	
		3	1,800	3	1,800	6	3,600	0	Program probably termi	
		(3)	(2, 400)	(3)	(2, 400)	(6)	(4, 800)	- (3)	Built for USS included in USSR totals	
	LSM		-							
	MP~8	6	4,200	6	4, 200	12	8,400	6	25X1	_
	LCU	ė				9			· ·	
	MP-10 MP-SMB-1	6	900 1,800	6	900 1,800	12 12	1,800 3,600	6 . 6	-	
	TOTAL AMPHIBIOUS VESSELS	21	8,700	<u>21</u>	8,700	42	17, 400			
:		¥				1				

## ^Approved For Release 2003/07/30 : CIA-RDP79S01100A00020015000 $\overset{4}{1}$ -2

			Comple		Under Construction	1958
			Tons	(English)	At Year End	
	Type and Class	No.	Light Ship	Gross Register	No.	Remarks
	MARITIME					
	Tanker					
	Kazbek class	5	23, 700	41,145		Total vessels completed - 53.
	Oleg Koshevel	. 4	7,160	11,800	j .	Total vessels completed - 14.
	Kobhi	3	2,100	2,424		Total vessels completed - 30. Program terminated.
	Total tanker	12	32, 960	55, 369		4 01
	Cargo	0	0	0		
	Refrigerator		<u> </u>			,
	Aktyubinsk class	4	16, 320	20,868		Total vessels completed - 14. Program terminated.
	Passenger					
	Zabaykalye class	1	3, 750	5,750		Total vessels completed - 2. Program believed terminated.
	Water Carrier					-
	Oleg Koshevoi	1	1,790	2,950		Total vessels completed - 2.
	Tugs	NA	15,000	13,500		-
1	Barges	NA	1,000	5,000		
	Misc. coastal and auxiliary self-propelled	NA	1,650	2,770		Estimated at 5 % of total cargo and tanker tonnage.
			Annual Ea	Pologgo 2002/0	ZIO . CIA DDDZOC	1100A000200150001-2

	COUNTRY: USSR		Comple	ted	Under	MERCHANT VESSEL PRODUCTI
		<del></del>	Tons	(English)	Construction At Year End	
	Type and Class	No.	Light Ship	Gross Register	No.	Remarks
141	FISHING					
1	Fishing vessels	NA	57, 230	50, 200		Includes trawlers, seiners, luggers, tenders, etc. Excludes
1 1		i,	,			fish factory trawlers, processing vessels, refrigerator tran port vessels, and whaling fleet vessels.
	Fish factory trawlers	8	18,560	25, 360	1	
	Whale catchers	10	9,400	8,400		Total catchers completed - 21. 25X1
	TOTAL FISHING VESSELS		85,190	83,960		·
	•					
		1.				
		_				
			* .			,
						** .
		1				
1		i		-		

=	COUNTRY: USSR			_			VESSEL PRODUCTION
			Comple	ted	Under Construction		1,30
			Tons	(English)	At Year End		
			Light	Gross	*		
-	Type and Class	No.	Ship	Register	No.	Remarks	
	INLAND					•	
	3.1		Horsepowe	•			
	Self-propelled vessels	NA	115, 100				
			DWTCC*		*	*Deadweight tons cargo capacity	2
	Non-self-propelled vessels						
	Steel	NA	170,600				
	Wood	NA NA	124, 400				
-	TOTAL		295, 000				
	:		-		. *		
					. 1		L
	:						
					2.	- o <del>-</del>	
Ī							
1							
1						•	
			1				
				D 1 0000/07			
			Approved Fo	Release 2003/07	730 : CIA-RDP/980 - 59 =	1100A000200150001-2	

			Comple		Under Construction	19
				(English)	At Year End	The state of the s
	Type and Class	No.	Light Ship	Gross Register	No.	Remarks
	MARITIME					
	Tanker				×	
	Kazbek class Oleg Koshevoi	7 4	33, 180 7, 160	57,603 11,800		Total vessels completed - 60. Total vessels completed - 18. Program terminated.
	Total tanker	11	40, 340	69, 403		
	Cargo		4-			
	Leninskiy Komsomol class Inzhener Belov class	1	5,960	12,090		First vessel completed in this class.
	(cotton/timber)	2	3,140	5,800		First vessels completed in this class.
	Total cargo	3	9,100	17,890		
	Refrigerator				8-	
	Sevastopol class	2	9,500	11,046		First vessels completed in this class.
	Passenger	<u>0</u>	<u>o</u>	<u>o</u>		
7. s	Icebreaker					*
	Lenin class (Atomic)	1	14, 270	13,000		

	-		Comple	ted	Under Construction	195
				(English)	At Year End	
	Type and Class	No.	Light Ship	Gross Register	No.	Remarks
MARITIM	E (Continued)					
Hydrogr	aphic survey					·
Voyeyk	ov class	<u>1</u>	2, 320	3,170		First vessel completed in this class.
Water C	arrier					
Oleg Ko	oshevoi class	1	1,790	2,950		Total vessels completed - 3. Program believed terminated.
Tugs		<u>NA</u>	15,000	13,500		
Barges		NA	1,000	5,000	-	
Misc. co	pastal and auxiliary	NA	2,470	4, 360		Estimated at 5 % of total cargo and tanker tonnage.
GRAND T	OTAL MARITIME		95,790	140, 319		
						· .
					· ·	
Î						
						2

			Comple	ted	Under Construction		1959
5	* * *		Tons	(English)	At Year End		
4			Light	Gross			
1 13	Type and Class	No.	Ship	Register	No.	Remarks	
	FISHING				*		
$\neg$	Fishing vessels	NA	68,400	60,000		Includes trawlers, seiners, luggers, tenders, etc. Exclish factory trawlers, processing vessels, refrigerator transport vessels, and whaling fleet vessels.	
·		× ×				. a *	
	Fish factory trawlers	11	25,520	34,870			
	Whale factory vessel Whale catchers	1 14	16,830 13,160	32,024 11,760		First vessel completed in this class.  Total catchers completed - 35.	
	whate catchers	1.14	13, 160	11,700		Total catchers completed - 35.	
ie I	TOTAL FISHING VESSELS		123, 910	138,654	0		
		8 -	'	,	,	*	
			1		-	The state of the s	
		7	İ				
		1		1	l		
:		-		- " -	1		
9.14					1		
1				ŀ	}		
1							
1							
1,000							
		-					
j							
		1		}			
1					e'		
1				}	ł	Tr.	
			1	j	1		

		Comple		Under Construction		1959
·			(English)	At Year End		
Type and Class	No.	Light Ship	Gross Register	No.	Remarks	
INLAND						
Self-propelled vessels	NA	Horsepowe 130,700	r			
		DWTCC*			*Deadweight tons cargo capacity.	25
Non-self-propelled vessels						
Steel Wood	NA	198,000				
	NA	62,000				
TOTAL		260,000				
				*		
_						
					-	
					,	
		Annual East	. Dalaga 2002/07	20 - CIA BDB7090	1100A000200150001-2	

Constitution of the second of	COUNTRY: USSR	i i	Approved Fo		Under	MERCHANT VESSEL PRODUCTION 1960
GADAY 45		<b></b>		(English)	Construction At Year End	
3. 3.	Type and Class	No.	Light Ship	Gross Register	No.	Remarks
25X1	MARITIME  Tanker  Kazbek class  Pekin class  Total tanker  Cargo	5 2 7	23,700 18,320 42,020	41, 145 42, 512 83, 657	. 3 2 <u>5</u>	Program may continue on one way only
	Leninskiy Komsomol class Inzhener Belov class (cotton/timber) Pavlin Vinogradov class (grain/timber)	3 4 1	17, 880 6, 280 3, 110	36, 270 11, 600 4, 750	6 2 2	Total vessels completed - 4.  Total vessels completed - 6.  First vessel completed in this class.
IA STATE	Total cargo	8	27, 270	52,620	10	25X1
	Refrigerator Sevastopol class Passenger	1	4,750	<u>5,523</u>	1	Total vessels completed - 3. Program may continue on only one way 25X1
	Kirgizstan class	2	4,700	6, 438	1	First vessels completed in this class.
1. 4 3. 3 3	Port class	1	<u>2, 400</u> Approved Fo	2, 000 r Release 2003/07	30 : CIA-RDP79S0 - 64 -	First vessel completed in this class. 1100A000200150001-2

	COUNTRY: USSR					MERCHANT VESSE	L PRODUCTION
			Comple		Under Construction	-	1960
			Tons Light	(English) Gross	At Year End		
	Type and Class	No.	Ship	Register	No.	Remarks	
	MARITIME (Continued)	ļ			-	*	
	Hydrographic survey						
_	Voyeykov class	1	2, 320	3,170		Total vessels completed - 2.	2
	Tugs	NA.	15,000	13,500			
	Barges	NA	1,000	5,000			
	Misc. coastal and auxiliary self-propelled	<u>NA</u>	3, 480	6,810		Estimated at 5 % total cargo and tanker tonnage.	
	GRAND TOTAL MARITIME		102,940	178,718			
,						*	
					i i		
			*				
				D.I	. OIA DDD	4400,000,000,004,500,04,0	
			Approved Fo	Release 2003	3/07/80 : CIA-RDP79S0 - 65 -	1100A000200150001-2	

- 5	COUNTRY: USSR	<del></del>				MERCHANT VESSEL PRODUCTION 1960		
		Completed			Under Construction	1700		
		1 : 1	Tons (English) Light   Gross		At Year End			
	Type and Class	No.	Ship	Register	No.	Remarks		
	FISHING			-				
	Fishing vessels	NA	68, <del>4</del> 00	60,000	Continuing	Includes trawlers sciences lugges to deal of		
			55, 200	30, 000	Continuing	Includes trawlers, seiners, luggers, tenders, etc. Exludes fish factory trawlers, processing vessels, refrigerator		
- 1	Fish factory trawlers	- 11	25,520	34,870	.5	transport vessels, and whaling fleet vessels.		
	Whale catchers	16	15,040	13, 440	10	Total catchers completed - 51.		
	TOTAL FISHING VESSELS		108,960	108, 310		Under construction at year end are 2 whale factory vessels,		
	-			110,000		estimated completion fall 1961 and possibly fall 1962 re-		
				-8		spectively; and 2 crab canning vessels, estimated completion 1961 and 1962 respectively.		
						1701 and 1702 respectively.		
	.*		· ,			*		
	·							
				·				
1	4							
	*		-					
1 .		-	,			. *		
		1	4 1					
-								
				*				
-								

		Completed		Under Construction	MERCHANT VESSEL PI	
		Tons (English)		At Year End		
Type and Class	No.	Light Ship	Gross Register	No.	Remarks	
INLAND						
*:		Horsepowe	r		p 0	
Self-propelled vessels	NA	141,200		0 6		
Non-self-propelled vessels		DWTCC*		,	*Deadweight tons cargo capacity.	
Ţ Steel		340,000	·			
		240,000				
*		7			÷ .*	
÷					*	
		0				
÷				0	*	
					9	
-		-	9			
*						
4			÷			
					9S01100A000200150001-2	

Approved For Release 100 SECRET 01100A000200150001-2